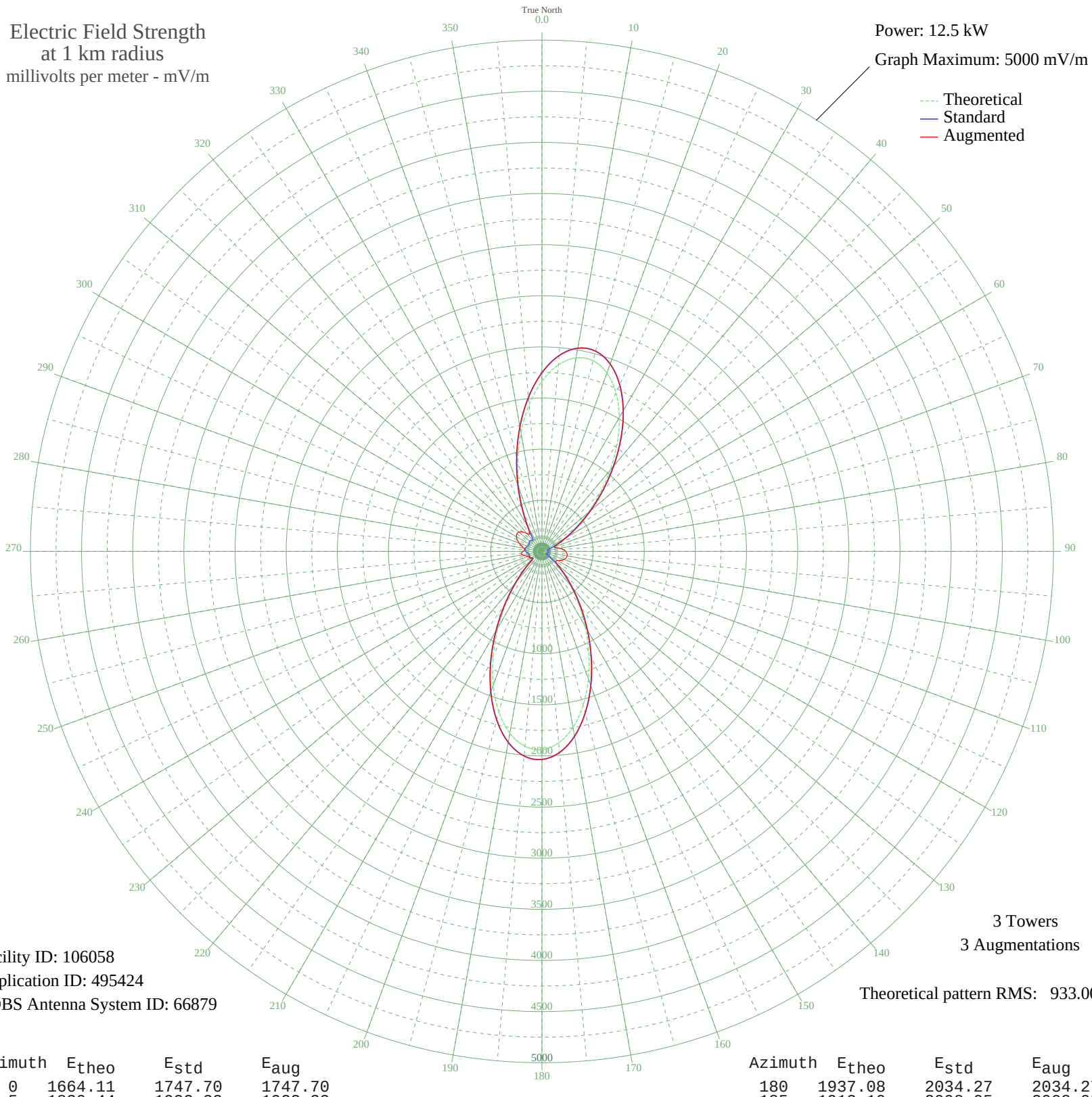
CJSB OTTAWA, ON Canada -- 540 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m



Power: 12.5 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
3 Augmentations

Facility ID: 106058
Application ID: 495424
CDBS Antenna System ID: 66879

Theoretical pattern RMS: 933.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1664.11	1747.70	1747.70
5	1830.44	1922.32	1922.32
10	1922.00	2018.44	2018.44
15	1930.50	2027.36	2027.36
20	1857.20	1950.42	1950.42
25	1712.37	1798.37	1798.37
30	1513.19	1589.28	1589.28
35	1280.78	1345.34	1345.34
40	1036.83	1089.30	1089.30
45	800.63	841.48	841.48
50	587.10	617.57	617.57
55	405.77	427.67	427.67
60	260.88	276.43	276.43
65	152.37	164.23	170.88
70	77.68	89.61	128.85
75	36.27	53.18	144.56
80	32.11	50.15	178.28
85	41.43	57.19	209.14
90	47.47	62.15	232.01
95	49.52	63.89	245.75
100	48.41	62.94	250.00
105	43.76	59.07	244.54
110	33.85	51.39	229.36
115	18.18	41.74	205.46
120	30.29	48.89	177.93
125	84.20	95.88	165.11
130	167.68	179.93	202.36
135	284.45	300.97	304.65
140	437.45	460.82	460.82
145	626.23	658.59	658.59
150	845.64	888.70	888.70
155	1085.12	1139.98	1139.98
160	1328.81	1395.74	1395.74
165	1556.72	1634.98	1634.98
170	1747.05	1834.78	1834.78
175	1879.19	1973.50	1973.50

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1937.08	2034.27	2034.27
185	1912.10	2008.05	2008.05
190	1804.85	1895.46	1895.46
195	1625.37	1707.05	1707.05
200	1391.67	1461.72	1461.72
205	1126.87	1183.79	1183.79
210	855.73	899.29	899.29
215	601.29	632.45	632.45
220	382.53	403.36	403.36
225	214.56	228.33	228.33
230	115.49	126.82	126.82
235	100.50	111.86	111.86
240	116.99	128.32	128.32
245	123.58	134.97	134.97
250	120.06	131.42	138.96
255	116.52	127.85	167.75
260	120.98	132.34	194.79
265	132.87	144.37	200.39
270	145.81	157.54	185.42
275	153.98	165.88	168.64
280	154.64	166.57	179.47
285	148.39	160.17	205.72
290	138.99	150.59	236.66
295	132.59	144.08	266.00
300	133.94	145.45	288.71
305	141.12	152.76	300.00
310	145.82	157.55	294.99
315	140.09	151.71	270.21
320	128.47	139.91	230.02
325	151.54	163.39	208.24
330	254.35	269.63	277.79
335	427.13	450.02	450.02
340	651.05	684.61	684.61
345	908.73	954.88	954.88
350	1179.57	1239.10	1239.10
355	1439.66	1512.09	1512.09